

Notice of Allowability

Application No.

09/989,362

Examiner

Jasmine J. Clark

Applicant(s)

AUCH ET AL.

Art Unit

2815

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 11/25/2005.
2. ☒ The allowed claim(s) is/are 1-16, 24-26 and 56-68.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☒ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 11/25/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

**JASMINE CLARK
PRIMARY EXAMINER**

Jasmine Clark

Information Disclosure Statement

1. The IDS and the amendment filed 11/25/2005 under a request for continue examination (RCE) have been considered.
2. The EP Patent Application (EP 1 021 070 A1) with a date of publication 07/19/2000 is after the present application 09/989,362. Patent abstracts of Japan show the following: (JP 04-090512) shows space elements 5 and particles 4 between a cap and a substrate; JP 04136916 A and JP 58160927 A both show similar to the previous JP Patent 04-090512. Nonetheless, none of the references that submitted by the applicants further disclose the following:
 - a) An organic light emitting device (OLED) comprising a substrate with a device region defined thereon; an active component on a surface of the substrate in the device region, wherein the active component includes an organic light emitting diode; a cap mounted on the substrate forming a package, the cap creating a cavity over the device region sealing the active component; and spacer particles fixed to the active component, the spacer particles preventing the cap from contacting the active component as set forth in claim 1;
 - b) A device comprising a substrate with a device region defined thereon an active component on a surface of the substrate in the device region; a cap mounted on the substrate forming a package, the cap creating a cavity over the device region sealing the device component; and spacer particles fixed to the active component, the spacer

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particles preventing the cap from contacting the active component, wherein the spacer particles are coated with an adhesive layer as set forth I claim 8; and

c) A device comprising a substrate with a device region; a sealing dam surrounding the device region; a cap supported by the sealing dam; a spacer particles fixed to a surface region to support the cap; a sealing region abutting an outer surface of the sealing dam; and an adhesive located in the sealing region, the adhesive hermetically sealing the device region as set forth in claim 56.

Field of Search

3. This application was searched in class 257, subclasses 787, 783, 704, 678, 428, 429, 737, 738, 40, 642, 759, 710, 773, 924, E23.128, E23.18, E23.193, E21.5, E21.501, in view of the limitations of the claimed invention. The re-search was ineffective.

Allowable Subject Matter

4. Claims 1-16, 24-26, and 56-68 are allowed.

The following is an examiner's statement of reasons for allowance: please see paragraph 2 above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone Inquiry Contacts

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine J. Clark whose telephone number is (571) 272-1726. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ken Parker can be reached on (571) 272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jjbc/04/30/06

**JASMINE CLARK
PRIMARY EXAMINER**

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